

# Detailed Facility Report

## Facility Summary

**ARKEMA INC**  
**4444 INDUSTRIAL PKWY,**  
**CALVERT CITY, KY 42029**

FRS (Facility Registry Service) ID:  
110000380061

EPA Region: 04

Latitude: 37.056699

Longitude: -88.365727

Locational Data Source: FRS

Industry:

Indian Country: N

## Enforcement and Compliance Summary

Statute	CAA
Insp (5 Years)	4
Date of Last Inspection	05/03/2019
Current Compliance Status	No Violation Identified
Qtrs with NC (of 12)	1
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	2
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Statute	CWA
Insp (5 Years)	4
Date of Last Inspection	08/06/2020
Current Compliance Status	No Violation Identified
Qtrs with NC (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--
Statute	EPCRA
Insp (5 Years)	1
Date of Last Inspection	03/08/2018
Current Compliance Status	--
Qtrs with NC (of 12)	--
Qtrs with Significant Violation	--
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--
Statute	RCRA
Insp (5 Years)	7
Date of Last Inspection	07/22/2020
Current Compliance Status	No Violation Identified
Qtrs with NC (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--
Statute	TSCA
Insp (5 Years)	--
Date of Last Inspection	--
Current Compliance Status	--
Qtrs with NC (of 12)	--
Qtrs with Significant Violation	--
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): Operating Major (KY0000002115700007)  
Clean Water Act (CWA): Major, Permit Admin Continued (KY0003603)  
Resource Conservation and Recovery Act (RCRA): Active (KYD006370159)  
Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): 7366811  
Greenhouse Gas Emissions (eGGRT): 1005721, 1005721, 1005721, 1005721,  
1005721, 1005721, 1005721, 1005721, 1005721, 1005721  
Toxic Releases (TRI): 42029PNNWLALTON  
Compliance and Emissions Data Reporting Interface (CEDRI): CEDRI78581

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110000380061					N	37.056699	-88.365727
ICIS		7729301					N		
ICIS		31033					N		
ICIS		3000006651					N		
ICIS		20940					N		
ICIS-Air	CAA	KY0000002115700007	Major Emissions	Operating	CAAMACT, CAANSPS, CAASIP, CAATVP		N	37.054167	-88.365
CEDRI	CAA	CEDRI78581					N		
EIS	CAA	7366811					N	37.056117	-88.366455
GHGRP	CAA	1005721	Supplier, Direct Emitter	Subject	General Stationary Fuel Combustion, Non-CO <sub>2</sub> Industrial Gas Supply, Fluorinated GHG Production		N	37.04902	-88.3692
GHGRP	CAA	1005721	Supplier, Direct Emitter	Subject	General Stationary Fuel Combustion, Non-CO <sub>2</sub> Industrial Gas Supply, Fluorinated GHG Production		N	37.04902	-88.3692
GHGRP	CAA	1005721	Supplier, Direct Emitter	Subject	General Stationary Fuel Combustion, Non-CO <sub>2</sub> Industrial Gas Supply, Fluorinated GHG Production		N	37.04902	-88.3692
GHGRP	CAA	1005721	Supplier, Direct Emitter	Subject	General Stationary Fuel Combustion, Non-CO <sub>2</sub> Industrial Gas Supply, Fluorinated GHG Production		N	37.04902	-88.3692
GHGRP	CAA	1005721	Supplier, Direct Emitter	Subject	General Stationary Fuel Combustion, Non-CO <sub>2</sub> Industrial Gas Supply, Fluorinated GHG Production		N	37.04902	-88.3692
GHGRP	CAA	1005721	Supplier, Direct Emitter	Subject	General Stationary Fuel Combustion, Non-CO <sub>2</sub> Industrial Gas Supply, Fluorinated GHG Production		N	37.04902	-88.3692
GHGRP	CAA	1005721	Supplier, Direct Emitter	Subject	General Stationary Fuel Combustion, Non-CO <sub>2</sub> Industrial Gas Supply, Fluorinated GHG Production		N	37.04902	-88.3692
GHGRP	CAA	1005721	Supplier, Direct Emitter	Subject	General Stationary Fuel Combustion, Non-CO <sub>2</sub> Industrial Gas Supply, Fluorinated GHG Production		N	37.04902	-88.3692
GHGRP	CAA	1005721	Supplier, Direct Emitter	Subject	General Stationary Fuel Combustion, Non-CO <sub>2</sub> Industrial Gas Supply, Fluorinated GHG Production		N	37.04902	-88.3692
GHGRP	CAA	1005721	Supplier, Direct Emitter	Subject	General Stationary Fuel Combustion, Non-CO <sub>2</sub> Industrial Gas Supply, Fluorinated GHG Production		N	37.04902	-88.3692
RMP	CAA	100000044427		ACTIVE			N		
ICIS-NPDES	CWA	KY0003603	Major: NPDES Individual Permit	Admin Continued		02/28/2021	N	37.054167	-88.365

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
TRI	EP313	42029PNNWLALTON	Toxics Release Inventory	Last Reported for 2019			N	37.04902	-88.3692
RCRAInfo	RCRA	KYD006370159	LQG, Operating TSDF	Active (HPA )			N	37.054444	-88.366944
TSCA	TSCA	100604699					N		
TSCA	TSCA	TSCA4912					N		

## Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110000380061	ARKEMA INC	4444 INDUSTRIAL PKWY, CALVERT CITY, KY 42029
ICIS		7729301	ARKEMA, INC.	444 INDUSTRIAL PARKWAY, CALVERT CITY, KY 42029
ICIS		31033	ELF ATOCHEM N A INCORPORATED	4444 INDUSTRIAL PKY., CALVERT CITY, KY 42029
ICIS		3000006651	ARKEMA, INC.	4444 INDUSTRIAL PARKWAY, CALVERT CITY, KY 42029
ICIS		20940	ATOFINA (F/K/A ELF ATOCHEM NA)	4444 INDUSTRIAL PKWY, CALVERT CITY, KY 42029
ICIS-Air	CAA	KY0000002115700007	ARKEMA INC	4444 INDUSTRIAL PKWY, CALVERT CITY, KY 42029
CEDRI	CAA	CEDRI78581	ARKEMA, INC.	4444 INDUSTRIAL PARKWAY, CALVERT CITY, KY 42029
EIS	CAA	7366811	ARKEMA INC	4444 INDUSTRIAL PKWY, CALVERT CITY, KY 42029
GHGRP	CAA	1005721	ARKEMA, INC.	4444 INDUSTRIAL PARKWAY, CALVERT CITY, KY 42029
GHGRP	CAA	1005721	ARKEMA, INC.	4444 INDUSTRIAL PARKWAY, CALVERT CITY, KY 42029
GHGRP	CAA	1005721	ARKEMA, INC.	4444 INDUSTRIAL PARKWAY, CALVERT CITY, KY 42029
GHGRP	CAA	1005721	ARKEMA, INC.	4444 INDUSTRIAL PARKWAY, CALVERT CITY, KY 42029
GHGRP	CAA	1005721	ARKEMA, INC.	4444 INDUSTRIAL PARKWAY, CALVERT CITY, KY 42029
GHGRP	CAA	1005721	ARKEMA, INC.	4444 INDUSTRIAL PARKWAY, CALVERT CITY, KY 42029
GHGRP	CAA	1005721	ARKEMA, INC.	4444 INDUSTRIAL PARKWAY, CALVERT CITY, KY 42029
GHGRP	CAA	1005721	ARKEMA, INC.	4444 INDUSTRIAL PARKWAY, CALVERT CITY, KY 42029
GHGRP	CAA	1005721	ARKEMA, INC.	4444 INDUSTRIAL PARKWAY, CALVERT CITY, KY 42029
GHGRP	CAA	1005721	ARKEMA, INC.	4444 INDUSTRIAL PARKWAY, CALVERT CITY, KY 42029
GHGRP	CAA	1005721	ARKEMA, INC.	4444 INDUSTRIAL PARKWAY, CALVERT CITY, KY 42029
RMP	CAA	100000044427	ARKEMA INC. - CALVERT CITY, KY PLANT	4444 INDUSTRIAL PARKWAY, CALVERT CITY, KY 42029
ICIS-NPDES	CWA	KY0003603	ARKEMA INC	4444 INDUSTRIAL PKWY, CALVERT CITY, KY 42029
TRI	EP313	42029PNNWLALTON	ARKEMA INC	4444 INDUSTRIAL PKWY, CALVERT CITY, KY 42029
RCRAInfo	RCRA	KYD006370159	ARKEMA INC	4444 INDUSTRIAL PKWY, CALVERT CITY, KY 42029
TSCA	TSCA	100604699	ARKEMA, INC.	4444 INDUSTRIAL PARKWAY, CALVERT CITY, KY 42029
TSCA	TSCA	TSCA4912	ARKEMA, INC.	4444 INDUSTRIAL PARKWAY, CALVERT CITY, KY 42029

## Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
TRI	42029PNNWLALTON	2819	Industrial Inorganic Chemicals
TRI	42029PNNWLALTON	2821	Plastics Materials And Resins
TRI	42029PNNWLALTON	2869	Industrial Organic Chemicals
ICIS-Air	KY0000002115700007	2813	Industrial Gases
ICIS-NPDES	KY0003603	2819	Industrial Inorganic Chemicals
NPDES	KY0003603	2819	Industrial Inorganic Chemicals

## Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
No data records returned		

## Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RMP	100000044427	32512	Industrial Gas Manufacturing
RMP	100000044427	32518	Other Basic Inorganic Chemical Manufacturing
RMP	100000044427	325188	All Other Basic Inorganic Chemical Manufacturing
RMP	100000044427	325199	All Other Basic Organic Chemical Manufacturing
RMP	100000044427	325211	Plastics Material and Resin Manufacturing
GHGRP	1005721	325120	Industrial Gas Manufacturing
TRI	42029PNNWLALTON	325120	Industrial Gas Manufacturing
TRI	42029PNNWLALTON	325180	Other Basic Inorganic Chemical Manufacturing
TRI	42029PNNWLALTON	325181	Alkalies And Chlorine Manufacturing
TRI	42029PNNWLALTON	325188	All Other Basic Inorganic Chemical Manufacturing
TRI	42029PNNWLALTON	325199	All Other Basic Organic Chemical Manufacturing
TRI	42029PNNWLALTON	325211	Plastics Material and Resin Manufacturing

System	Identifier	NAICS Code	NAICS Description
EIS	7366811	325211	Plastics Material and Resin Manufacturing
ICIS-Air	KY0000002115700007	325120	Industrial Gas Manufacturing
ICIS-NPDES	KY0003603	211112	Natural Gas Liquid Extraction
NPDES	KY0003603	211112	Natural Gas Liquid Extraction
RCRAInfo	KYD006370159	32512	Industrial Gas Manufacturing
RCRAInfo	KYD006370159	32518	Other Basic Inorganic Chemical Manufacturing
RCRAInfo	KYD006370159	32521	Resin and Synthetic Rubber Manufacturing

## Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

## Enforcement and Compliance

## Compliance Monitoring History (5 years)

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CAA	KY0000002115700007	ICIS-Air	Inspection/Evaluation	TV ACC Receipt/Review	State	05/27/2020	Reviewed: 05/28/2020 Facility Reported No Deviations
CAA	KY0000002115700007	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	05/03/2019	
CAA	KY0000002115700007	ICIS-Air	Inspection/Evaluation	TV ACC Receipt/Review	State	03/22/2019	Reviewed: 03/25/2019 Facility Reported No Deviations
CAA	KY0000002115700007	ICIS-Air	Inspection/Evaluation	TV ACC Receipt/Review	State	03/22/2019	Reviewed: 03/25/2019 Facility Reported No Deviations
CAA	KY0000002115700007	ICIS-Air	Inspection/Evaluation	Stack Test	State	01/11/2019	Findings: Pending
CAA	KY0000002115700007	ICIS-Air	Inspection/Evaluation	Stack Test	State	01/11/2019	Findings: Pending
CAA	KY0000002115700007	ICIS-Air	Inspection/Evaluation	TV ACC Receipt/Review	State	08/15/2018	Reviewed: 08/21/2018 Facility Reported No Deviations
CAA	KY0000002115700007	ICIS-Air	Inspection/Evaluation	Stack Test	State	06/05/2018	Findings: Pending
CAA	KY0000002115700007	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	08/17/2017	
CAA	KY0000002115700007	ICIS-Air	Inspection/Evaluation	TV ACC Receipt/Review	State	03/28/2017	Reviewed: 03/29/2017 Facility Reported No Deviations
CAA	KY0000002115700007	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	09/15/2016	
CAA	KY0000002115700007	ICIS-Air	Inspection/Evaluation	TV ACC Receipt/Review	State	07/05/2016	Reviewed: 07/06/2016 Facility Reported No Deviations
CAA	10000044427	ICIS	Inspection/Evaluation	112(r)(7) Inspection	EPA	03/08/2018	
CWA	KY0003603	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation, Sampling	State	08/06/2020	
CWA	KY0003603	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation, Sampling	State	04/11/2018	
CWA	KY0003603	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	07/20/2017	
CWA	KY0003603	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	09/22/2016	
EPCRA	3000006651	ICIS	Inspection/Evaluation	Evaluation	EPA	03/08/2018	
RCRA	KYD006370159	ICIS	Offsite Record Review	Financial Record Review	EPA	01/04/2018	
RCRA	KYD006370159	ICIS	Inspection/Evaluation	Sampling	EPA	07/18/2017	
RCRA	KYD006370159	RCRAInfo		FINANCIAL RECORD REVIEW	State	03/05/2021	No Violations Or Compliance Issues Were Found
RCRA	KYD006370159	RCRAInfo		FINANCIAL RECORD REVIEW	State	03/05/2021	No Violations Or Compliance Issues Were Found
RCRA	KYD006370159	RCRAInfo		COMPLIANCE EVALUATION INSPECTION ON-SITE	State	07/22/2020	No Violations Or Compliance Issues Were Found
RCRA	KYD006370159	RCRAInfo		FINANCIAL RECORD REVIEW	State	03/10/2020	No Violations Or Compliance Issues Were Found
RCRA	KYD006370159	RCRAInfo		FINANCIAL RECORD REVIEW	State	03/10/2020	No Violations Or Compliance Issues Were Found
RCRA	KYD006370159	RCRAInfo		NON-FINANCIAL RECORD REVIEW	State	02/27/2020	No Violations Or Compliance Issues Were Found
RCRA	KYD006370159	RCRAInfo		NON-FINANCIAL RECORD REVIEW	State	06/19/2019	No Violations Or Compliance Issues Were Found
RCRA	KYD006370159	RCRAInfo		COMPLIANCE EVALUATION INSPECTION ON-SITE	State	04/29/2019	No Violations Or Compliance Issues Were Found
RCRA	KYD006370159	RCRAInfo		FINANCIAL RECORD REVIEW	State	03/19/2018	No Violations Or Compliance Issues Were Found
RCRA	KYD006370159	RCRAInfo		FINANCIAL RECORD REVIEW	State	03/19/2018	No Violations Or Compliance Issues Were Found

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
RCRA	KYD006370159	RCRAInfo		COMPLIANCE EVALUATION INSPECTION ON-SITE	State	02/28/2018	No Violations Or Compliance Issues Were Found
<i>RCRA</i>	<i>KYD006370159</i>	<i>RCRAInfo</i>		<i>NON-FINANCIAL RECORD REVIEW</i>	<i>State</i>	<i>02/26/2018</i>	<i>No Violations Or Compliance Issues Were Found</i>
<i>RCRA</i>	<i>KYD006370159</i>	<i>RCRAInfo</i>		<i>FINANCIAL RECORD REVIEW</i>	<i>EPA</i>	<i>01/08/2018</i>	<i>No Violations Or Compliance Issues Were Found</i>
RCRA	KYD006370159	RCRAInfo		COMPLIANCE EVALUATION INSPECTION ON-SITE	State	07/18/2017	No Violations Or Compliance Issues Were Found
RCRA	KYD006370159	RCRAInfo		COMPLIANCE EVALUATION INSPECTION ON-SITE	EPA	07/18/2017	No Violations Or Compliance Issues Were Found
RCRA	KYD006370159	RCRAInfo		OPERATION AND MAINTENANCE INSPECTION	State	06/05/2017	No Violations Or Compliance Issues Were Found
<i>RCRA</i>	<i>KYD006370159</i>	<i>RCRAInfo</i>		<i>NON-FINANCIAL RECORD REVIEW</i>	<i>State</i>	<i>03/07/2017</i>	<i>No Violations Or Compliance Issues Were Found</i>
<i>RCRA</i>	<i>KYD006370159</i>	<i>RCRAInfo</i>		<i>FINANCIAL RECORD REVIEW</i>	<i>State</i>	<i>03/06/2017</i>	<i>No Violations Or Compliance Issues Were Found</i>
<i>RCRA</i>	<i>KYD006370159</i>	<i>RCRAInfo</i>		<i>FINANCIAL RECORD REVIEW</i>	<i>State</i>	<i>03/06/2017</i>	<i>No Violations Or Compliance Issues Were Found</i>
RCRA	KYD006370159	RCRAInfo		COMPLIANCE EVALUATION INSPECTION ON-SITE	State	04/25/2016	Violations Or Compliance Issues Were Found
<i>RCRA</i>	<i>KYD006370159</i>	<i>RCRAInfo</i>		<i>FINANCIAL RECORD REVIEW</i>	<i>State</i>	<i>04/11/2016</i>	<i>No Violations Or Compliance Issues Were Found</i>
<i>RCRA</i>	<i>KYD006370159</i>	<i>RCRAInfo</i>		<i>FINANCIAL RECORD REVIEW</i>	<i>State</i>	<i>04/11/2016</i>	<i>No Violations Or Compliance Issues Were Found</i>
<i>RCRA</i>	<i>KYD006370159</i>	<i>RCRAInfo</i>		<i>NON-FINANCIAL RECORD REVIEW</i>	<i>State</i>	<i>03/11/2016</i>	<i>No Violations Or Compliance Issues Were Found</i>
<i>TSCA</i>	<i>3000006651</i>	<i>ICIS</i>	<i>Offsite Record Review</i>	<i>Financial Record Review</i>	<i>EPA</i>	<i>08/05/2020</i>	
<i>TSCA</i>	<i>KYD006370159</i>	<i>ICIS</i>	<i>Offsite Record Review</i>	<i>Financial Record Review</i>	<i>EPA</i>	<i>08/05/2020</i>	
<i>TSCA</i>	<i>KYD006370159</i>	<i>ICIS</i>	<i>Offsite Record Review</i>	<i>Financial Record Review</i>	<i>EPA</i>	<i>09/13/2019</i>	

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

## Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)			Current As Of	Qtrs with NC (Noncompliance) (of 12)		Data Last Refreshed
CAA	KY0000002115700007	No			03/06/2021	1		03/05/2021
CWA	KY0003603	No			09/30/2020	0		03/05/2021
RCRA	KYD006370159	No			03/06/2021	0		03/05/2021

## Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
	CAA (Source ID: KY0000002115700007)				04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21
	Facility-Level Status				No Violation Identified	No Violation Identified	Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	HPV History															
	Violation Type	Agency	Programs	Pollutants												
CAA	FRV	KY	CAAMACT, CAATVP	ADMIN, Hydrochloric acid			11/27/2018									

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
	CWA (Source ID: KY0003603)				10/01-12/31/17	01/01-03/31/18	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-03/05/21
	Facility-Level Status				No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	Undetermined
	Quarterly Noncompliance Report History																

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
	RCRA (Source ID: KYD006370159)				04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21
	Facility-Level Status				No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified

## Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
CAA	ICIS-Air	KY0000002115700007	Notice of Violation	State	11/27/2018
CAA	ICIS-Air	KY0000002115700007	Notice of Violation	State	11/27/2018

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

# Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	SEP Cost	Comp Action Cost
No data records returned														

## Environmental Conditions

### Watershed(s)

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
06040060502	Guess Creek-Tennessee River	OUTFALL 001, TENNESSEE RIVER	No	No		Yes
06040060503	Lower Cypress Creek	OUTFALL 001, TENNESSEE RIVER	No	No		Yes

### Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
KY	2016	KY517033_03	Tennessee River 11.6 to 21.4	Good			Fully Supporting	Not Assessed	Not Assessed	Fully Supporting

### Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	No		Yes	1-Hour Ozone (1979)
Lead	No		No	
Particulate Matter	No		No	
Carbon Monoxide	No		No	
Sulfur Dioxide	No		No	

## Pollutants

### Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

Air Pollutant Report

TRI Pollution Prevention Report

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
42029PNNWLALTON	2019	243,194	896	0		5,845	249,935	1,279
42029PNNWLALTON	2018	241,413	664	0		6,100	248,177	601
42029PNNWLALTON	2017	262,549	771	0		9,400	272,720	2,241
42029PNNWLALTON	2016	244,708	738	0		6,200	251,646	4,587
42029PNNWLALTON	2015	258,588	729	0		0	259,317	1,440
42029PNNWLALTON	2014	247,632	1,008	0		7,000	255,640	1,074
42029PNNWLALTON	2013	258,272	818	0			259,090	8,703
42029PNNWLALTON	2012	260,490	773	0		8,500	269,763	31,600
42029PNNWLALTON	2011	213,332	1,706	0		11,000	226,038	8,710
42029PNNWLALTON	2010	199,562	527	0			200,089	25,017

# Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
1,1,1,2-TETRACHLOROETHANE										
1,1,1-TRICHLOROETHANE	2,914	2,660	2,413	2,530	2,239	1,199	3,267	14,989	3,287	25,257
1,1-DICHLORO-1-FLUOROETHANE	6,506	7,158	11,250	9,800	8,764	9,640	11,620	10,720	17,970	19,099
1,2-BUTYLENE OXIDE										
1,2-DICHLORO-1,1-DIFLUOROETHANE	32,475	25,584	38,583	22,587	23,583	16,630	24,586	29,580	30,585	20,578
1,2-DICHLOROETHANE	141	34	161	27	59	45	100	28	24	42
1-CHLORO-1,1,2,2-TETRAFLUOROETHANE										
1-CHLORO-1,1-DIFLUOROETHANE	116,680	116,280	123,260	121,850	133,280	122,968	123,197	121,220	90,310	85,160
2,2-DICHLORO-1,1,1-TRIFLUOROETHANE										
2-CHLORO-1,1,1,2-TETRAFLUOROETHANE	756	790	770	800	880	1,050	1,147	880	1,190	940
2-CHLORO-1,1,1-TRIFLUOROETHANE	16,636	17,337	15,735	17,246	15,236	22,070	22,134	25,028	22,042	25,021
ALUMINUM OXIDE (FIBROUS FORMS)										
ANTIMONY COMPOUNDS	5,846	6,102	9,403	6,277		7,279		8,671	11,481	
CARBON TETRACHLORIDE										
CHLORINE	5,298	5,300	5,500	5,100	5,100	5,300	5,208	5,257	4,353	4,452
CHLORODIFLUOROMETHANE	13,264	17,700	13,809	16,800	22,723	23,150	25,441	21,800	17,900	16,700
CHLOROFORM										
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)										
DICHLORODIFLUOROMETHANE (CFC-12)										
DICHLOROMETHANE	873	859	1,681	3,313	1,264	609	839	392	614	135
DICHLOROTETRAFLUOROETHANE (CFC-114)										
ETHYLENE GLYCOL										
FREON 113										
HYDROCHLORIC ACID (1995 AND AFTER ACID AEROSOLS ONLY)	39,717	39,000	41,000	40,000	38,000	37,600	37,300	38,000	20,700	19,600
HYDROGEN FLUORIDE	8,069	8,321	8,960	7,850	7,825	7,800	7,800	7,700	7,100	6,300
MONOCHLOROPENTAFLUOROETHANE										
NICKEL COMPOUNDS										
SODIUM HYDROXIDE (SOLUTION)										
SULFURIC ACID (1994 AND AFTER ACID AEROSOLS ONLY)										
TRICHLOROETHYLENE	2,039	1,653	2,436	2,053	1,804	1,374	5,154	17,098	7,192	1,822
TRICHLOROFLUOROMETHANE										
VINYLDENE CHLORIDE										

## Demographic Profile

## EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is



located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

Census Block Group EJ Indexes (percentile)	
Particulate Matter (PM 2.5)	21.1
Ozone NATA Diesel PM	24.1
NATA Air Toxics Cancer Risk	17.8
NATA Respiratory Hazard Index (HI)	.1
Traffic Proximity	42.2
Lead Paint Indicator	29.3
Superfund Proximity	5.6
Risk Management Plan (RMP) Proximity	2.5
Hazardous Waste Proximity	3.9
Wastewater Discharge Proximity	1.4

Number of EJ Indexes Above 80th Percentile
0

[View EJSCREEN Report](#)

## Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA’s spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics	
Total Persons	2,395
Population Density	91/sq.mi.
Percent Minority	2%
Households in Area	992
Housing Units in Area	1,104
Households on Public Assistance	22
Persons Below Poverty Level	575

Geography	
Radius of Selected Area	3 mi.
Center Latitude	37.056699
Center Longitude	-88.365727
Land Area	93%
Water Area	7%

Income Breakdown - Households (%)	
Less than \$15,000	173 (16.85%)

Age Breakdown - Persons (%)	
Children 5 years and younger	137 (6%)
Minors 17 years and younger	523 (22%)
Adults 18 years and older	1,873 (78%)
Seniors 65 years and older	496 (21%)

Race Breakdown - Persons (%)	
White	2,358 (98%)
African-American	3 (0%)
Hispanic-Origin	21 (1%)
Asian/Pacific Islander	5 (0%)
American Indian	8 (0%)
Other/Multiracial	22 (1%)

Education Level (Persons 25 & older) - Persons (%)	
Less than 9th Grade	131 (7.8%)
9th through 12th Grade	87 (5.18%)
High School Diploma	778 (46.34%)

Income Breakdown - Households (%)	
\$15,000 - \$25,000	133 (12.95%)
\$25,000 - \$50,000	233 (22.69%)
\$50,000 - \$75,000	267 (26%)
Greater than \$75,000	221 (21.52%)

Education Level (Persons 25 & older) - Persons (%)	
Some College/2-year	405 (24.12%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	278 (16.56%)